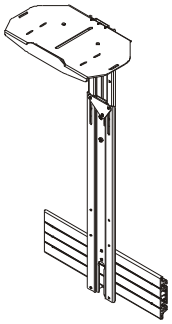
# INSTALLATION INSTRUCTIONS



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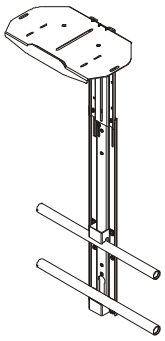

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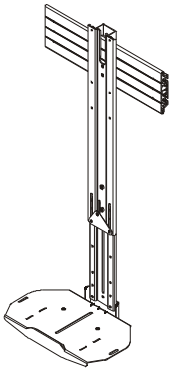

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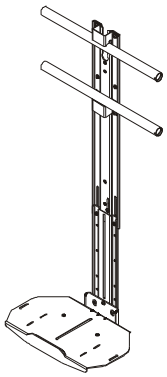

Below Wall

(FCA811 shown)

# Fusion™ Above/Below Accessory Shelf

CHIEF®
Our Mounts. **Your Vision.**

# FCA810/811

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## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer’s responsibility to make sure all components are properly assembled and installed using the instructions provided.

**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer’s responsibility to make sure the combined weight mounted to the FCA810/811 does not exceed 10 lbs (4.5 kg).

**WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

**WARNING:** Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

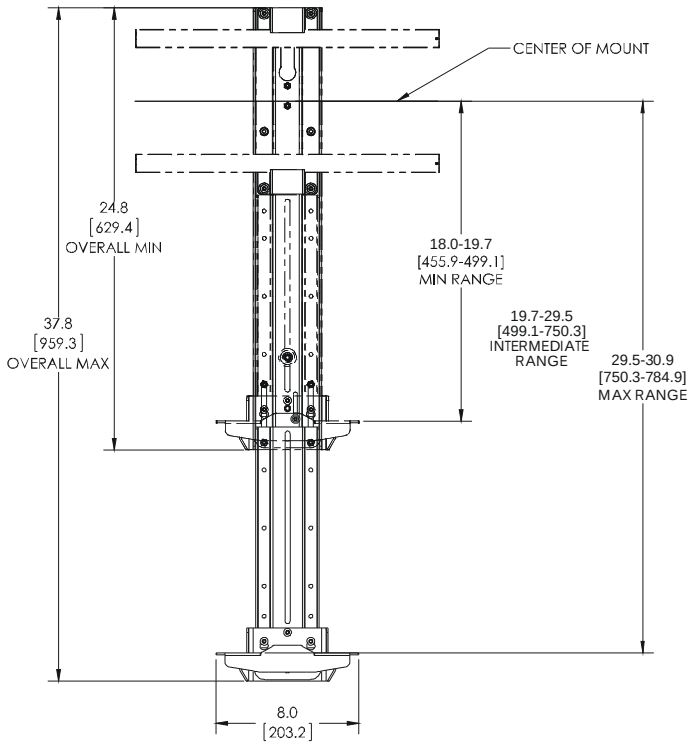
**WARNING:** Do not use this product outdoors.

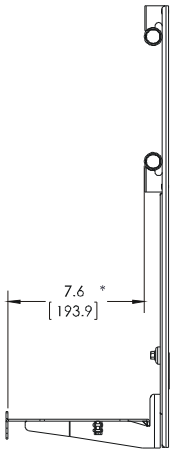
**WARNING:** RISK OF INJURY TO PERSONS! Do not use this mounting system to support video equipment such as televisions or computer monitors.

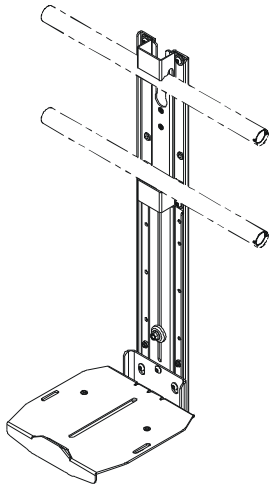
**--SAVE THESE INSTRUCTIONS--**

## DIMENSIONS - FCA810

FUSION WALL BELOW MOUNT SETUP



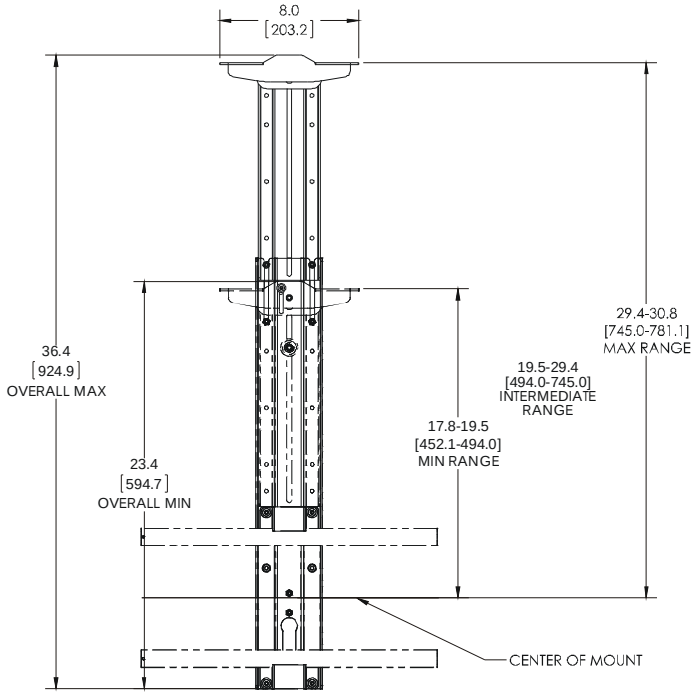



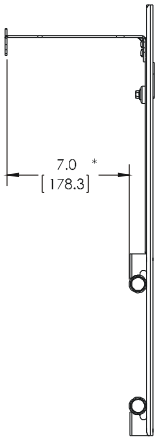



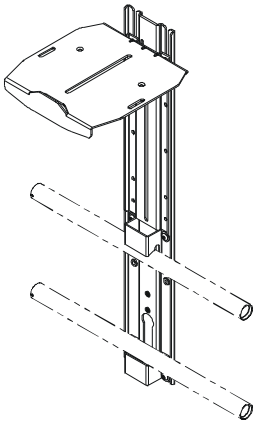
(*)NOTES:

- TYPICAL FUSION INTERFACES ARE 0.5" [12.7] DEEP

FUSION WALL ABOVE MOUNT SETUP



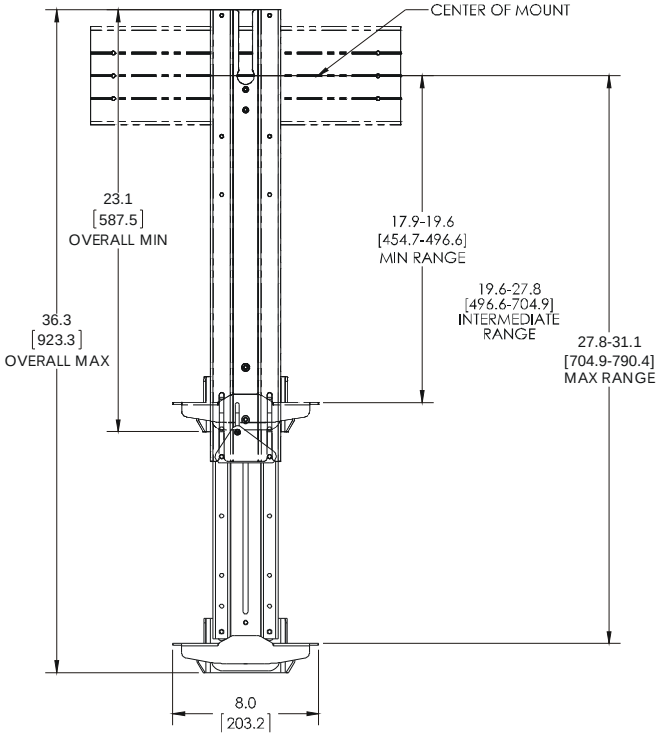



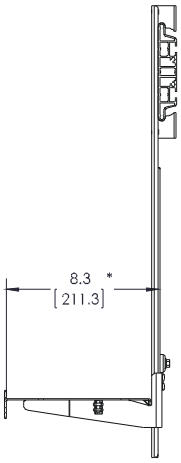
(*)NOTES:

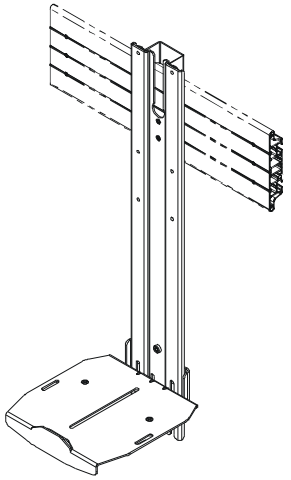
- TYPICAL FUSION INTERFACES ARE 0.5" [12.7] DEEP

## DIMENSIONS - FCA810 (CONTINUED)

FUSION CEILING/CART BELOW MOUNT SETUP



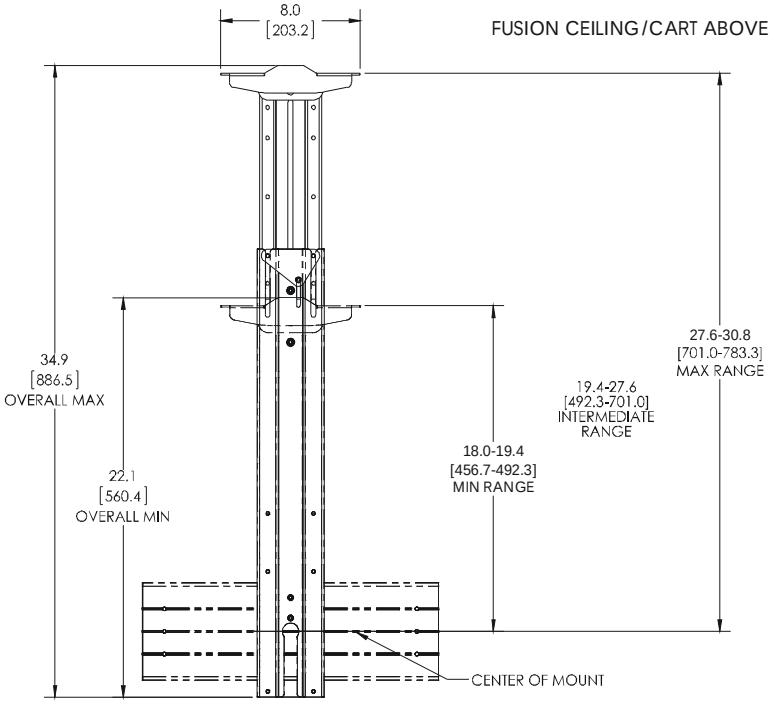



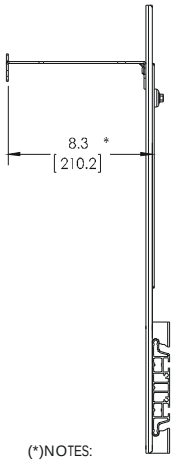



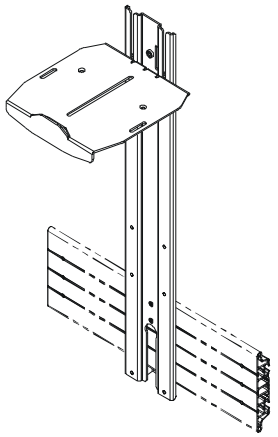
(*)NOTES:

- TYPICAL SINGLE DISPLAY MODELS HAVE INTERFACE DEPTHS .5" [12.7]
- TYPICAL DUAL DISPLAY MODELS HAVE INTERFACE DEPTHS 1.9" [48.3]
- FCA623 DUAL MONITOR INTERFACES ARE 1.4" DEEP [35.6]

FUSION CEILING/CART ABOVE MOUNT SETUP



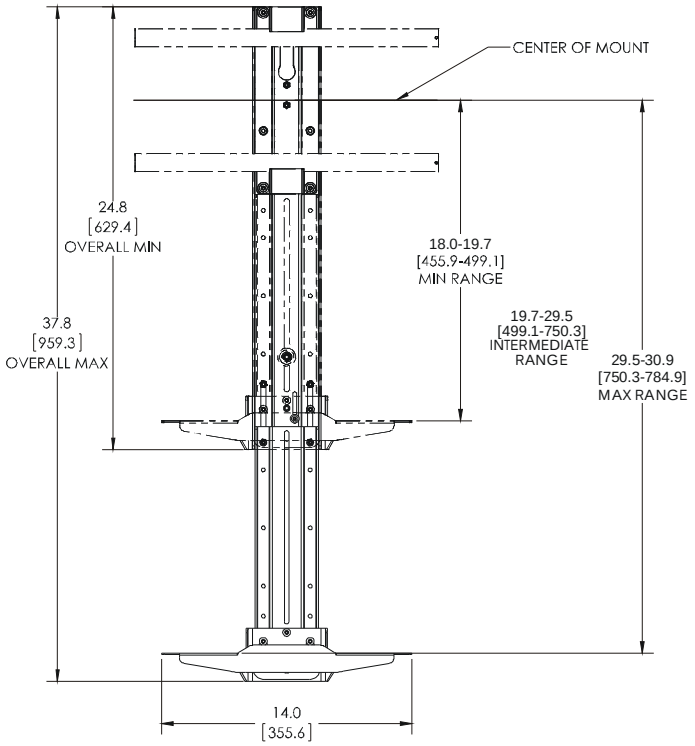



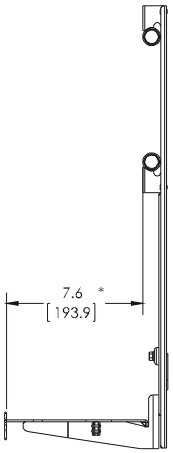
(*)NOTES:

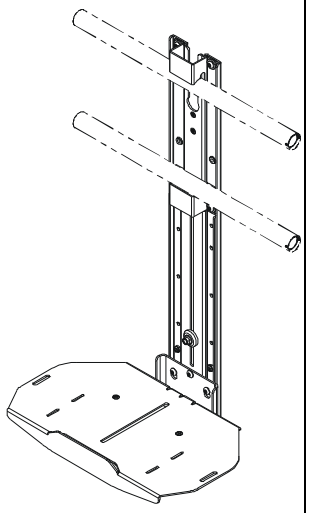
- TYPICAL SINGLE DISPLAY MODELS HAVE INTERFACE DEPTHS .5" [12.7]
- TYPICAL DUAL DISPLAY MODELS HAVE INTERFACE DEPTHS 1.9" [48.3]
- FCA623 DUAL MONITOR INTERFACES ARE 1.4" DEEP [35.6]

## DIMENSIONS - FCA811

FUSION WALL BELOW MOUNT SETUP



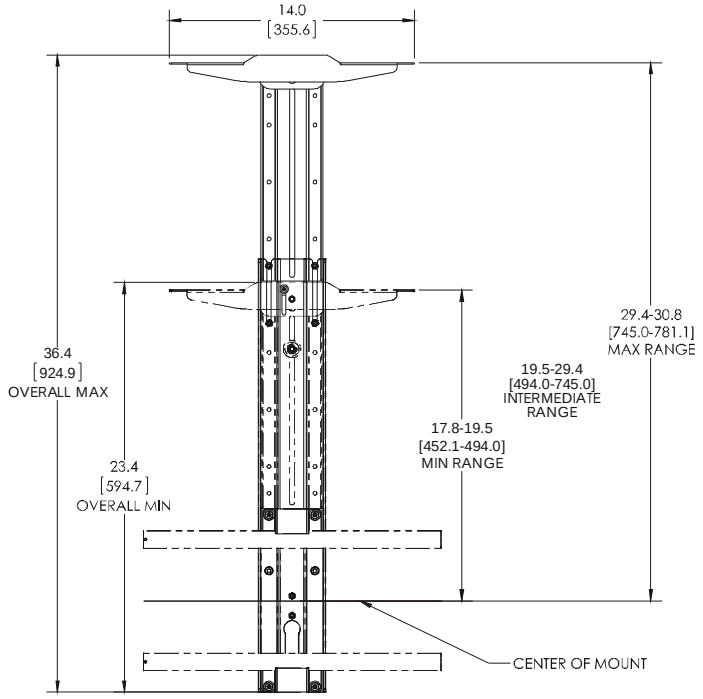



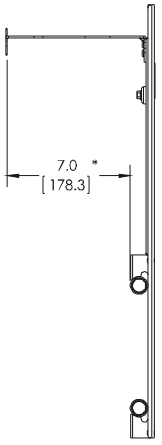



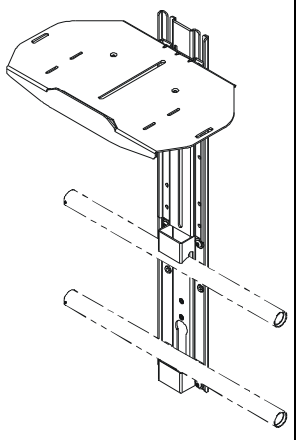
(*)NOTES:

- TYPICAL FUSION INTERFACES ARE 0.5" [12.7] DEEP

FUSION WALL ABOVE MOUNT SETUP



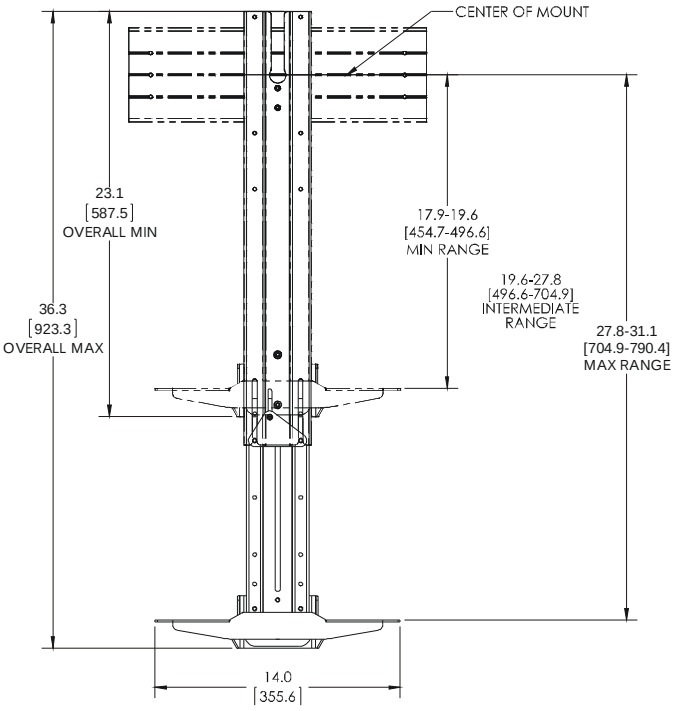



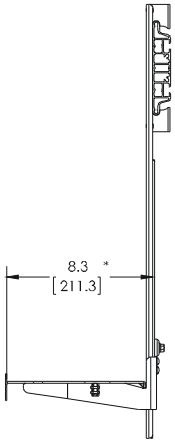
(*)NOTES:

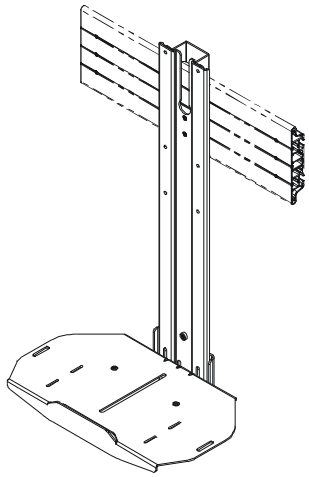
- TYPICAL FUSION INTERFACES ARE 0.5" [12.7] DEEP

## DIMENSIONS - FCA811 (CONTINUED)

FUSION CEILING/CART BELOW MOUNT SETUP



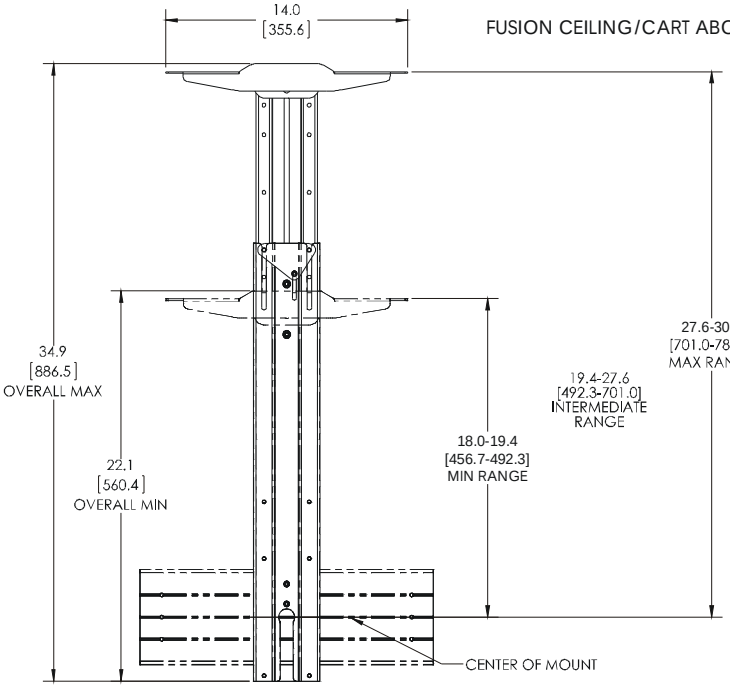



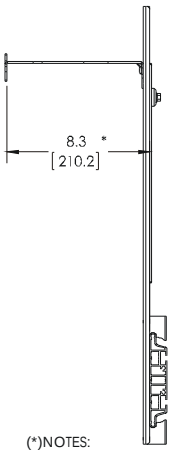



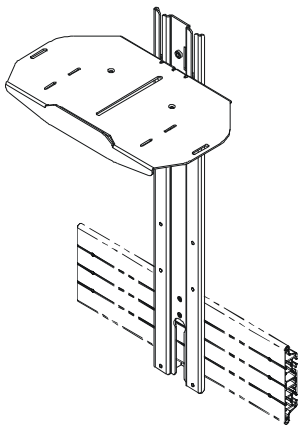
(*)NOTES:

- TYPICAL SINGLE DISPLAY MODELS HAVE INTERFACE DEPTHS .5" [12.7]
- TYPICAL DUAL DISPLAY MODELS HAVE INTERFACE DEPTHS 1.9" [48.3]
- FCA623 DUAL MONITOR INTERFACES ARE 1.4" DEEP [35.6]

FUSION CEILING/CART ABOVE MOUNT SETUP



(*)NOTES:

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- TYPICAL DUAL DISPLAY MODELS HAVE INTERFACE DEPTHS 1.9" [48.3]
- FCA623 DUAL MONITOR INTERFACES ARE 1.4" DEEP [35.6]

## LEGEND

| Tighten Fastener |
|---|
| Apretar elemento de fijación |
| Befestigungsteil festziehen |
| Apertar fixador |
| Serrare il fissaggio |
| Bevestiging vastdraaien |
| Serrez les fixations |

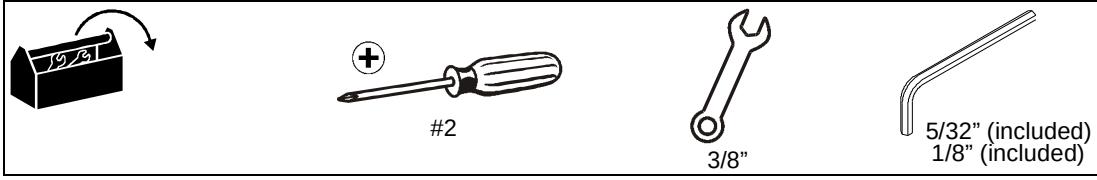
| Phillips Screwdriver |
|---|
| Destornillador Phillips |
| Kreuzschlitzschraubendreher |
| Chave de fendas Phillips |
| Cacciavite a stella |
| Kruiskopschroevendraaier |
| Tournevis à pointe cruciforme |

| Loosen Fastener |
|---|
| Aflojar elemento de fijación |
| Befestigungsteil lösen |
| Desapertar fixador |
| Allentare il fissaggio |
| Bevestiging losdraaien |
| Desserrez les fixations |

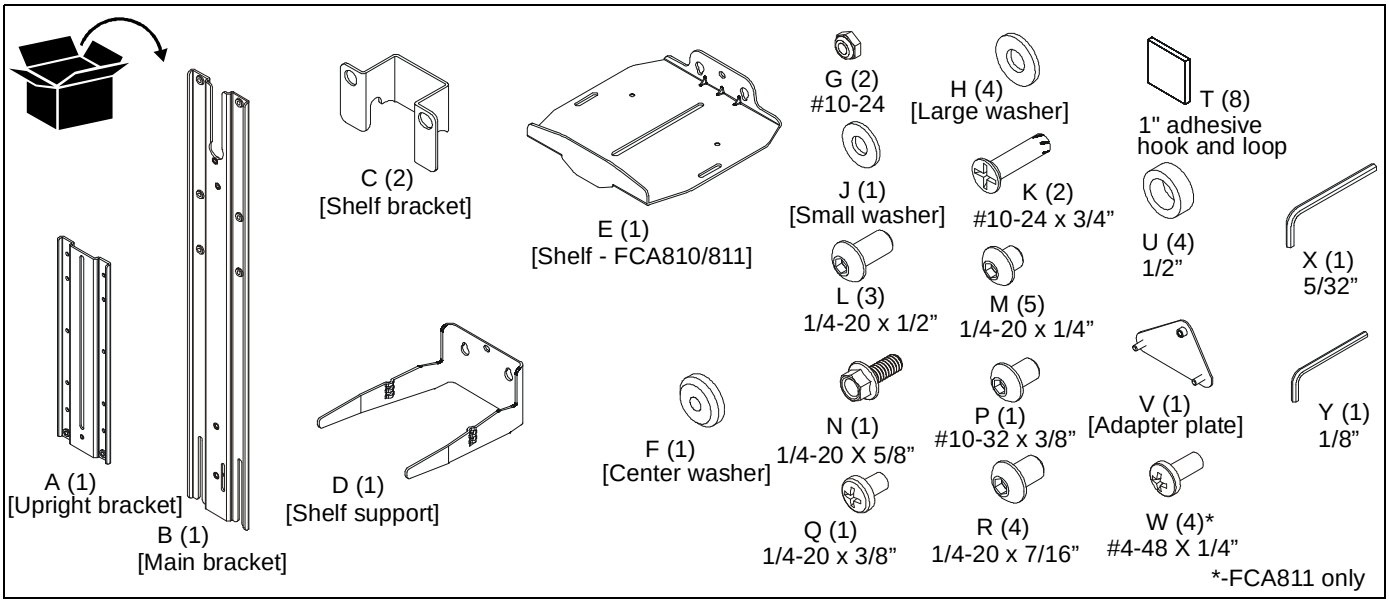
| Open-Ended Wrench |
|---|
| Llave de boca |
| Gabelschlüssel |
| Chave de bocas |
| Chiave a punte aperte |
| Steeksleutel |
| Clé à fourche |

| Hex-Head Wrench |
|---|
| Llave de cabeza hexagonal |
| Sechskantschlüssel |
| Chave de cabeça sextavada |
| Chiave esagonale |
| Zeskantsleutel |
| Clé à tête hexagonale |

## TOOLS REQUIRED FOR INSTALLATION




## PARTS



## ASSEMBLY AND INSTALLATION

### Below Installation

**NOTE:** FCA810 and FCA811 shelves may be installed above or below displays. To install above display, proceed to "Above Installation" Section.

#### Assembling Shelf to Upright Bracket

1. Attach shelf (E) to shelf support (D) using two #10-24 x 3/4" Phillips flat head machine screws (K). (See Figure 1)

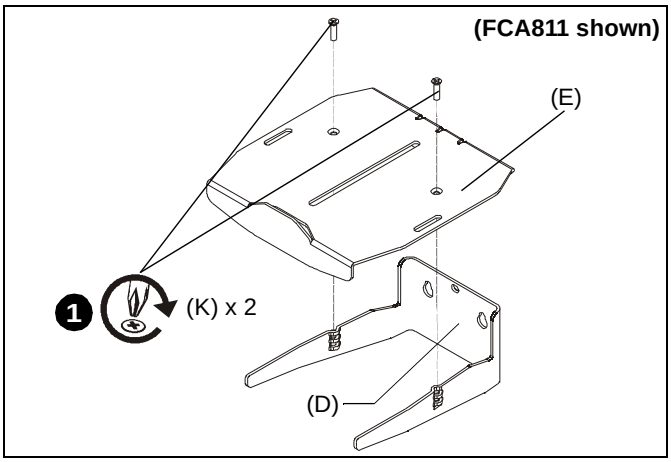



**Figure 1**

2. Install two 1/4-20 x 1/2" button head cap screws (L) into lowest holes on upright bracket (A). (See Figure 2) or (See Figure 3)
3. Hang shelf support (D) onto two screws installed in Step 2. (See Figure 2) or (See Figure 3)
4. Use one 1/4-20 x 1/4" button head cap screw (M) to secure upright bracket (A) to shelf support (D). (See Figure 2) or (See Figure 3)
5. Tighten all three screws to ensure upright bracket (A) is securely attached to shelf support (D).

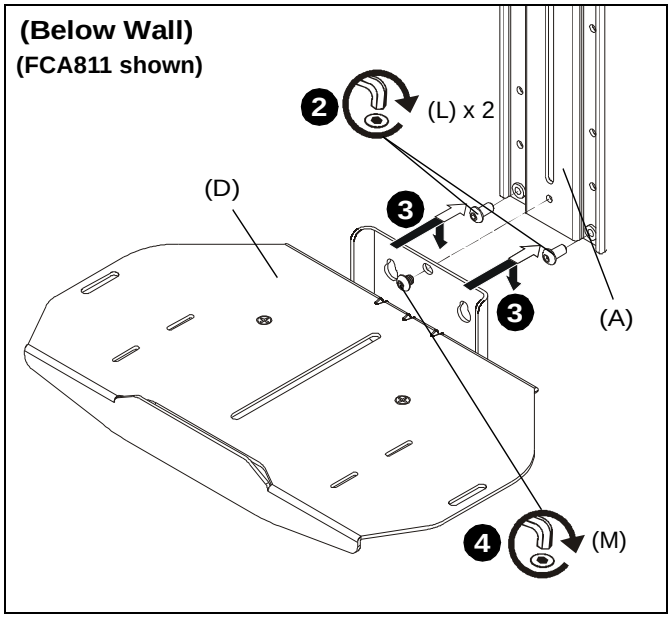



**Figure 2**

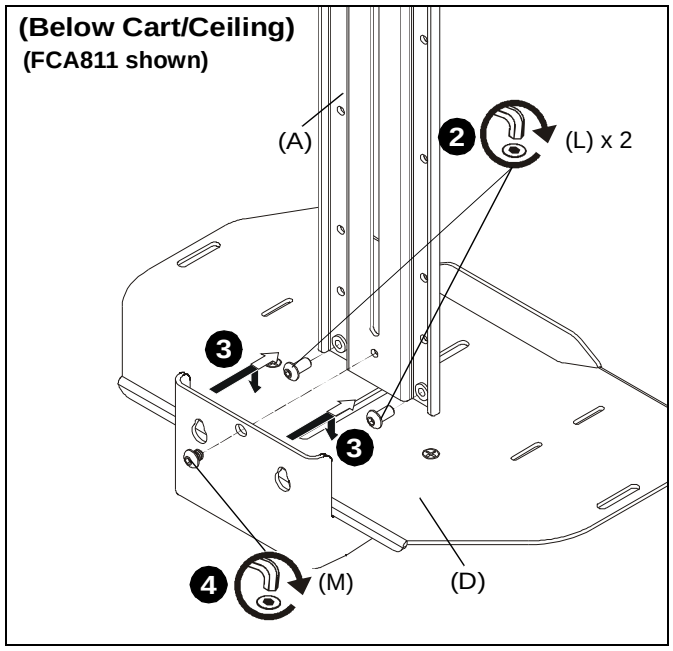



**Figure 3**

### Attaching Shelf to Wall Mount

**NOTE:** If attaching to cart or ceiling mount, proceed to **Attach Shelf to Cart/Ceiling Section**.

1. Use two 1/4-20 x 1/4" button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 4)

**CAUTION:** Slide bracket with caution so that the bracket does not scratch or damage the wall!

2. Slide main bracket (B) behind wall mount rails until shelf bracket (C) rests on top of wall mount rail. (See Figure 4)

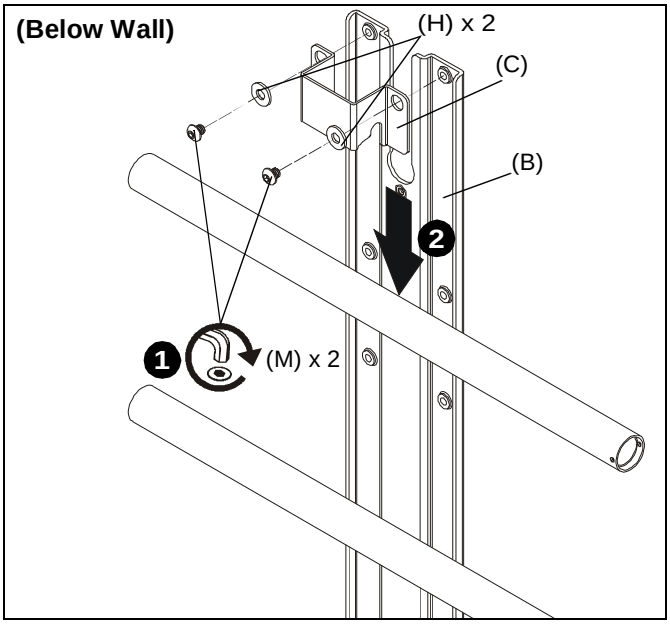



**Figure 4**

3. Slide second shelf bracket (C) underneath lower rail on wall mount, lining up holes on shelf bracket (C) to main bracket (B). (See Figure 5)
4. Use two 1/4-20 x 1/4" button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 5)

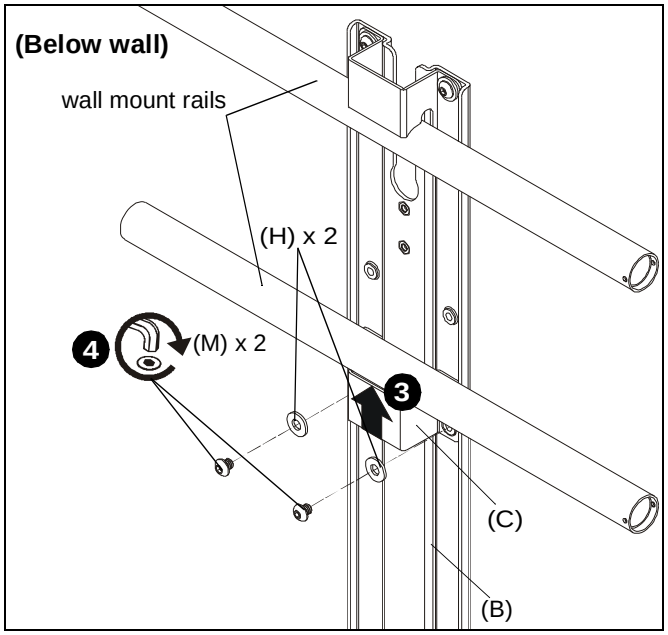



**Figure 5**

**NOTE:** Refer to Table 1 and dimension drawings on pages 3-6 to determine the extension level based on extension distance from mount center.

**Table 1:** Below Wall Mount

| Extension distance from center of mount (in.) | |
|---|---|
| **18-19.7** | **Minimum** |
| **19.7-29.5** | **Intermediate** |
| **29.5-30.9** | **Maximum** |

5. (For **maximum extension**) Use #10-32 x 3/8" button head cap screw (P) and small washer (J) to secure adapter plate (V) to main bracket (B). (See Figure 6)
6. (For **maximum extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 6)

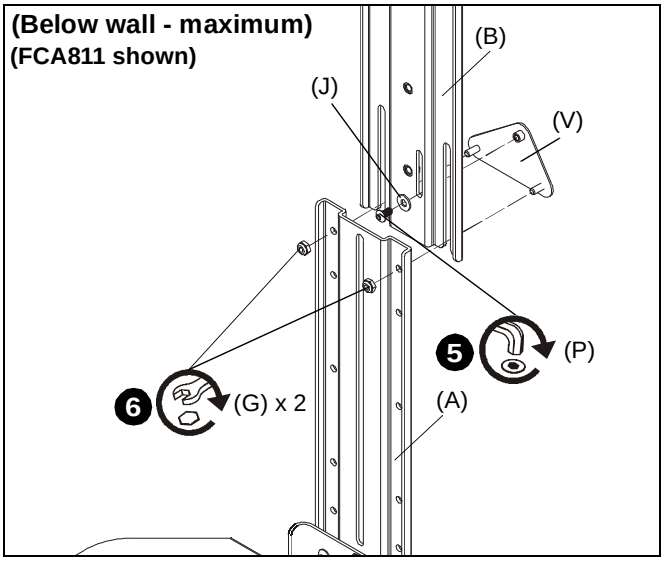



**Figure 6**

7. (For **minimum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 7)

**NOTE:** Minimum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

8. (For **minimum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 7)

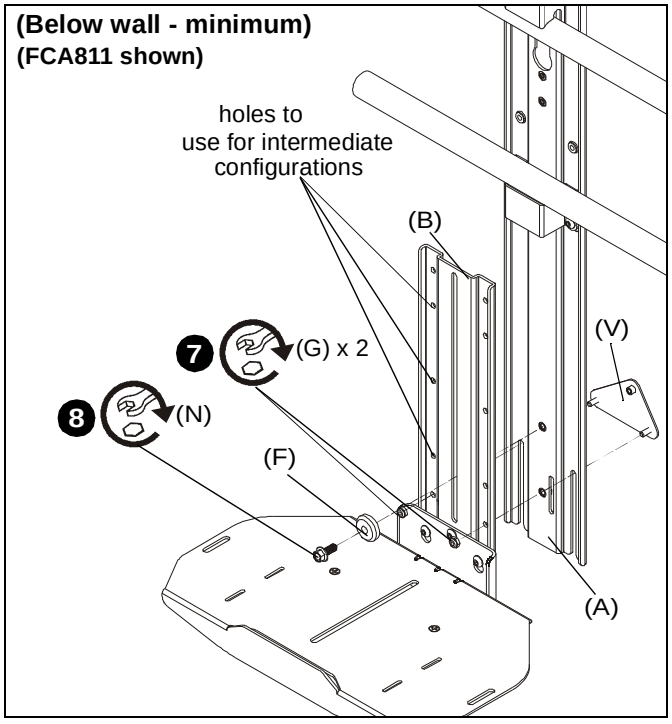



**Figure 7**

### Attaching Shelf to Cart/Ceiling Mount

**IMPORTANT ! :** If installing to a 2x1 display cart using the FCA623 accessory, proceed to “Installing to FCA623 Accessory” Section (Step 6).

1. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 8)
2. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 8)

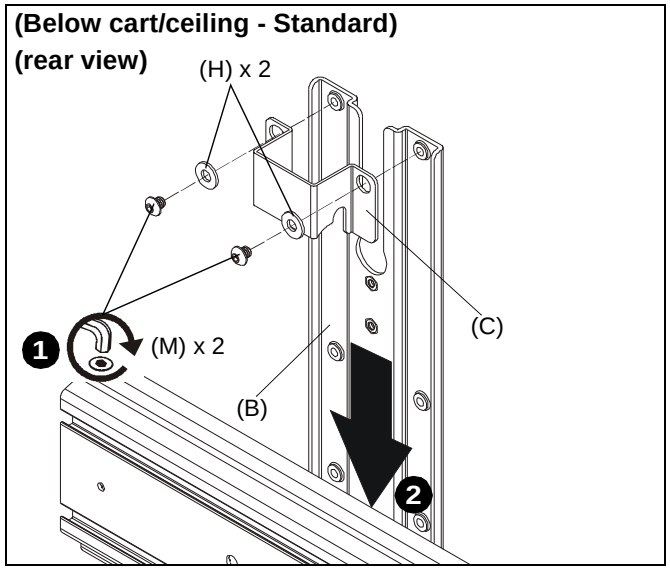



**Figure 8**

3. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 9)
4. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 9)

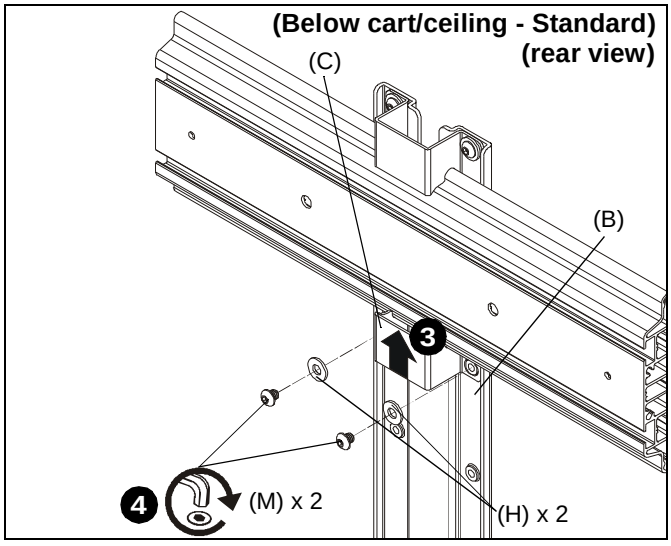



**Figure 9**

5. Proceed to Step 11.

### Installing to FCA623 Accessory

**IMPORTANT ! :** Steps 6-10 only apply if installing to FCA623 accessory.

6. Use two 1/4-20 x 7/16” button head cap screws (R), two large washers (H) and two 1/2” spacers (U) to secure shelf bracket (C) to main bracket (B). (See Figure 10)
7. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 10)

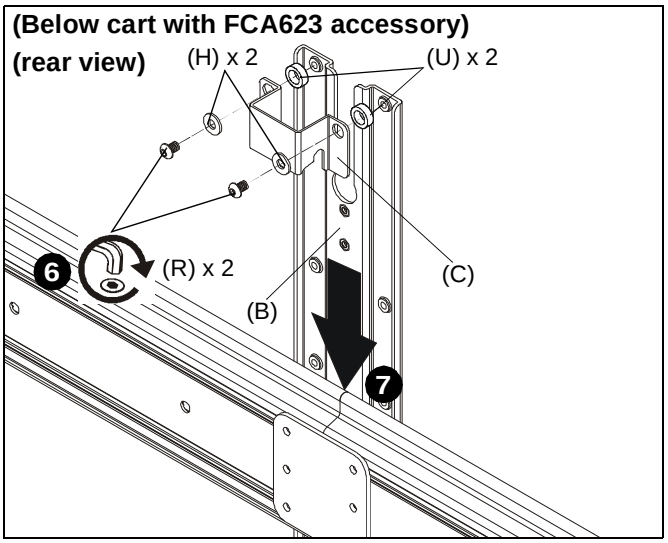



**Figure 10**

8. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 11)
9. Slide two 1/2” spacers (U) in between shelf bracket (C) and main bracket (B). (See Figure 11)
10. Use two 1/4-20 x 7/16” button head cap screws (R) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 11)

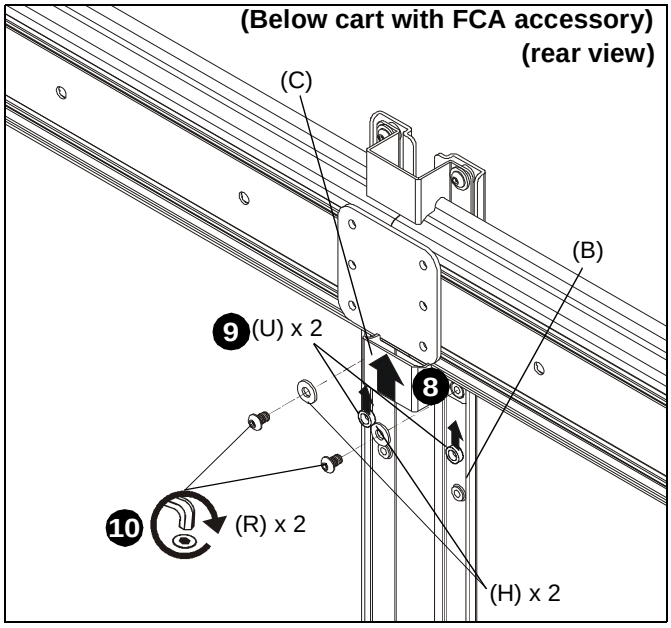



**Figure 11**

**NOTE:** Refer to Table 2 and dimension drawings on pages 3-6 to determine the extension level based on extension distance from mount center.

Table 2: Below Cart/Ceiling Mount

| Extension distance from center of mount (in.) | |
|---|---|
| **17.9 - 19.6** | **Minimum** |
| **19.6 - 27.8** | **Intermediate** |
| **27.8 - 31.1** | **Maximum** |

11. (For **maximum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 12)

**NOTE:** Maximum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

12. (For **maximum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 12)

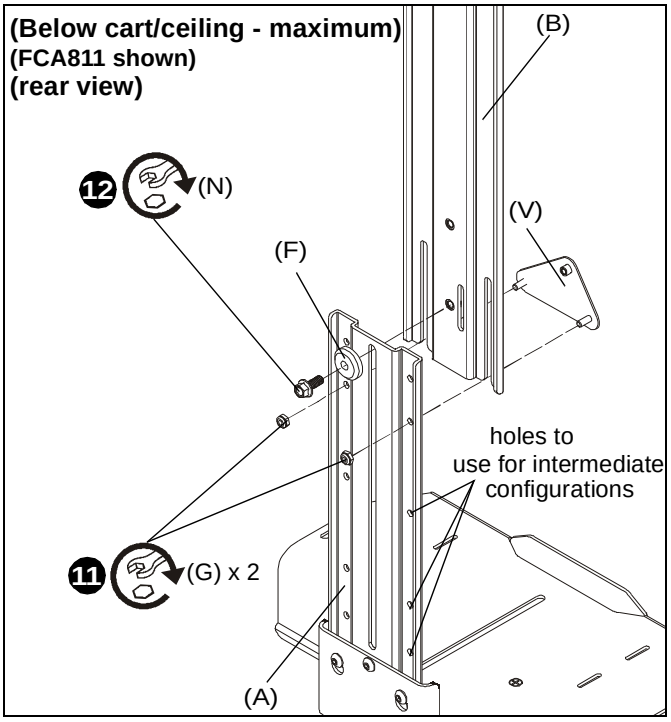



**Figure 12**

13. (For **minimum extension)** Slide upright bracket behind main bracket. (See Figure 13)

14. (For **minimum extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 13)

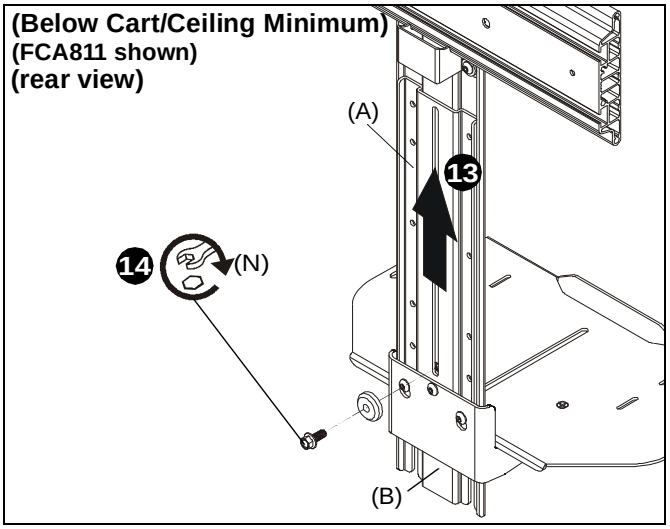



**Figure 13**

## Above Installation

### Assembling Shelf to Upright Bracket

1. Install two 1/4-20 x 1/2” button head cap screws (L) into lowest holes on upright bracket (A). (See Figure 14) or (See Figure 15)
2. Hang shelf (E) onto two screws installed in Step 1. (See Figure 14) or (See Figure 15)
3. Secure upright bracket (A) to shelf (E) using:
   - 1/4-20 x 1/4” button head cap screw (M) if installing to wall mount. (See Figure 14)
   - 1/4-20 x 1/2” button head cap screw (L) if installing to cart/ceiling mount. (See Figure 15)
4. Tighten all three screws to ensure shelf is secure.

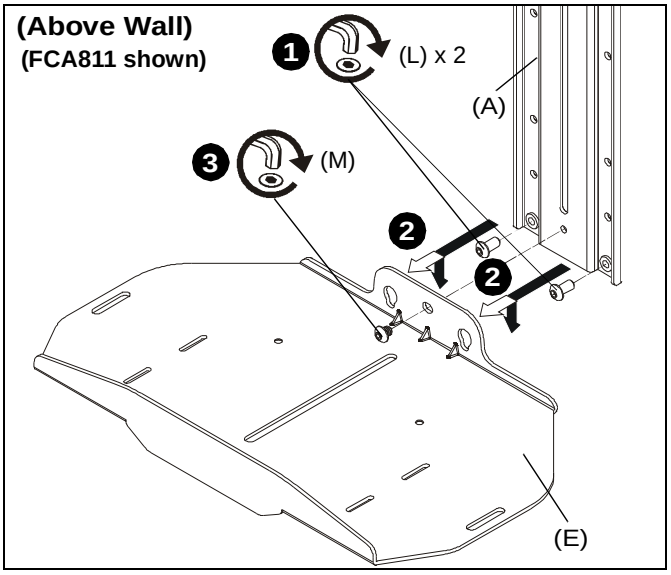



**Figure 14**

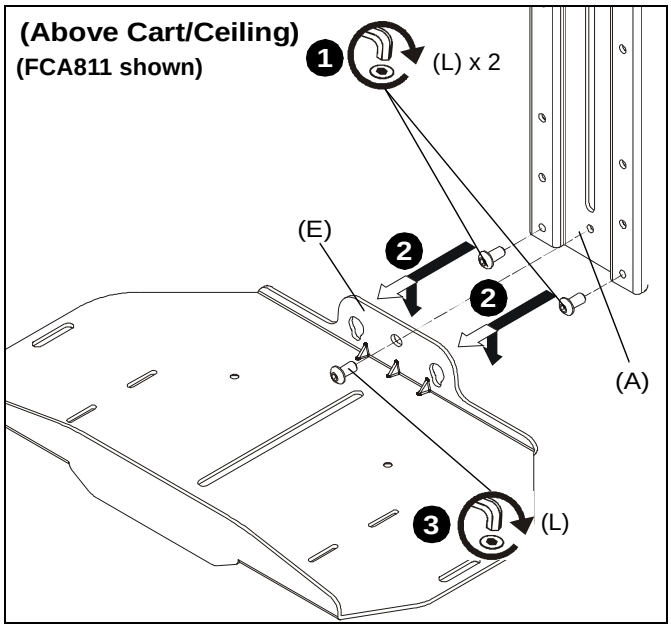



**Figure 15**

### Attaching Shelf to Wall Mount

1. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 16)

**CAUTION:** Slide bracket with caution so that the bracket does not scratch or damage the wall!

2. Slide main bracket (B) behind wall mount rails until shelf bracket (C) rests on top wall mount rail. (See Figure 16)

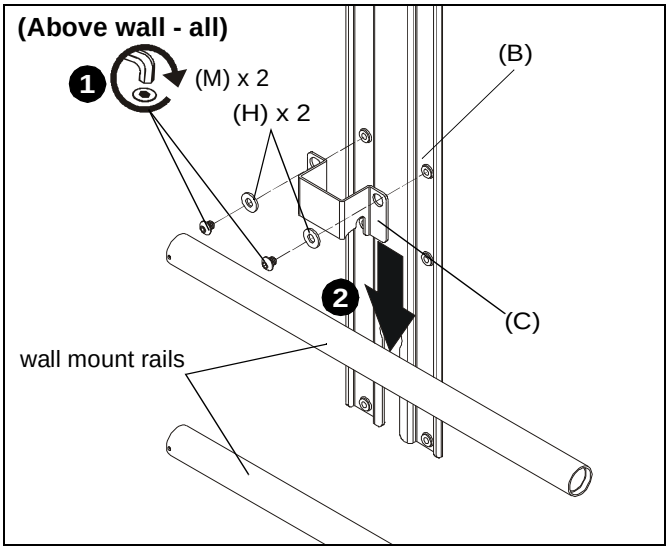



**Figure 16**

3. Slide second shelf bracket (C) underneath lower rail on wall mount, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 17)
4. Use two 1/4-20 x 1/4” button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 17)

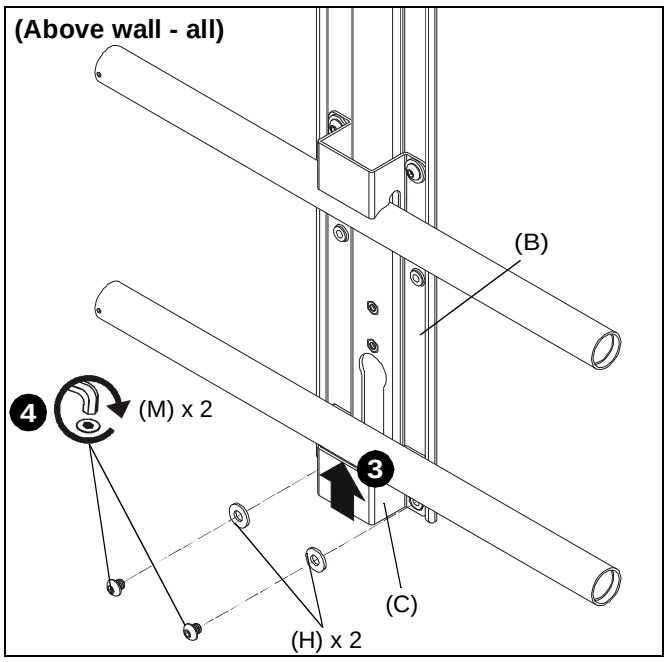



**Figure 17**

**NOTE:** Refer to Table 3 and dimension drawings on pages 3-6 to determine the extension level based on extension distance from mount center.

Table 3: Above Wall Mount

| Extension distance from center of mount (in.) | |
|---|---|
| **17.8 - 19.5** | **Minimum** |
| **19.5 - 29.4** | **Intermediate** |
| **29.4 - 30.8** | **Maximum** |

5. (For **maximum extension**) Use #10-32 x 3/8" button head cap screw (P) and small washer (J) to secure adapter plate (V) to main bracket (B). (See Figure 18)
6. (For **maximum extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 18)

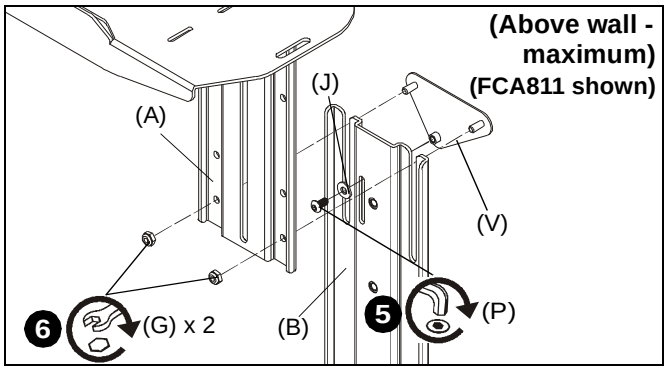



**Figure 18**

7. (For **minimum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 19)
8. (For **minimum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 19)

**NOTE:** Minimum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

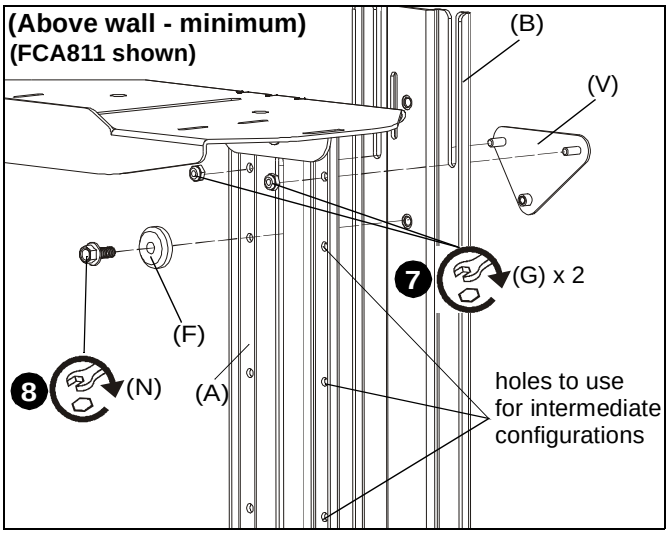



**Figure 19**

## Attaching Shelf to Cart/Ceiling Mount

**IMPORTANT ! :** If installing to a 2x1 display cart using the FCA623 accessory, proceed to "Installing to FCA623 Accessory" Section (Step 6).

1. Use two 1/4-20 x 1/4" button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 20)
2. Slide main bracket (B) onto front of cart/ceiling mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 20)

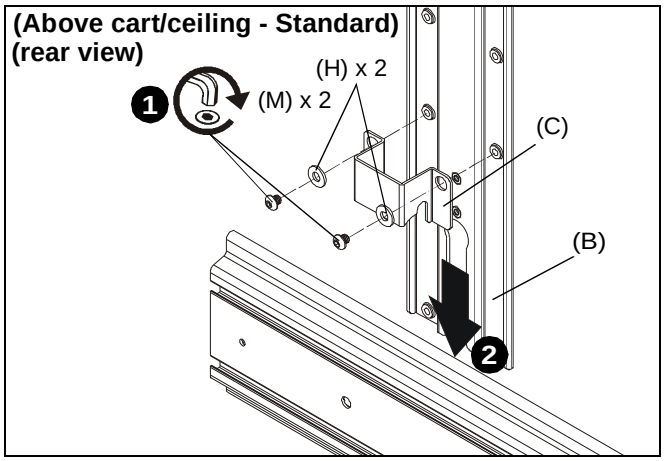



**Figure 20**

3. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 21)
4. Use two 1/4-20 x 1/4" button head cap screws (M) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 21)

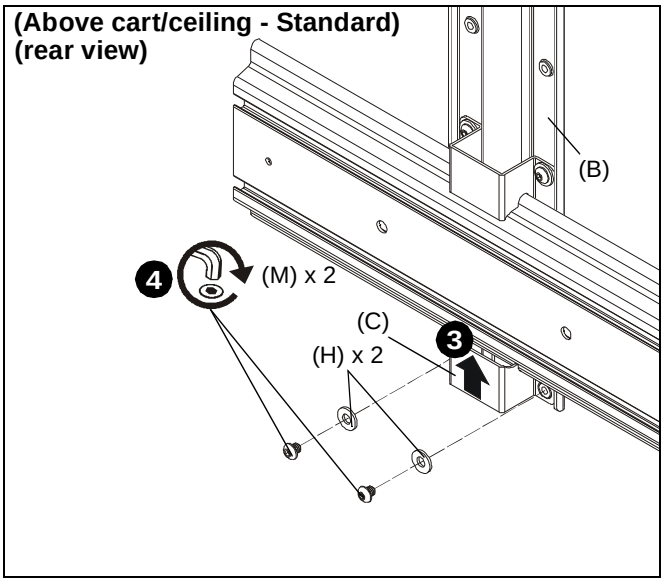



**Figure 21**

5. Proceed to Step 11.

### Installing to FCA623 Accessory

**NOTE:** Steps 6-10 only apply if installing to FCA623 accessory.

6. Use two 1/4-20 x 7/16" button head cap screws (R), two large washers (H) and two 1/2" spacers (U) to secure shelf bracket (C) to main bracket (B). (See Figure 22)

7. Slide main bracket (B) onto front of cart mount head assembly until shelf bracket (C) rests on top of head assembly. (See Figure 22)

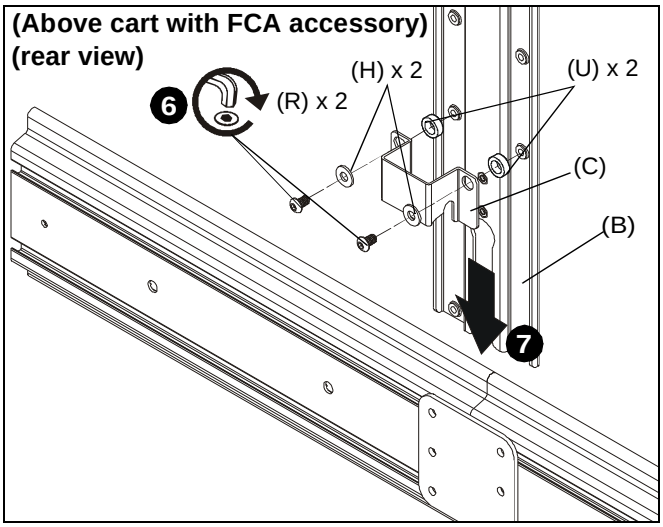



**Figure 22**

8. Slide second shelf bracket (C) underneath head assembly, lining up holes on shelf bracket (C) to holes on main bracket (B). (See Figure 23)

9. Slide two 1/2" spacers (U) in between shelf bracket (C) and main bracket (B). (See Figure 23)

10. Use two 1/4-20 x 1/2" button head cap screws (R) and two large washers (H) to secure shelf bracket (C) to main bracket (B). (See Figure 23)

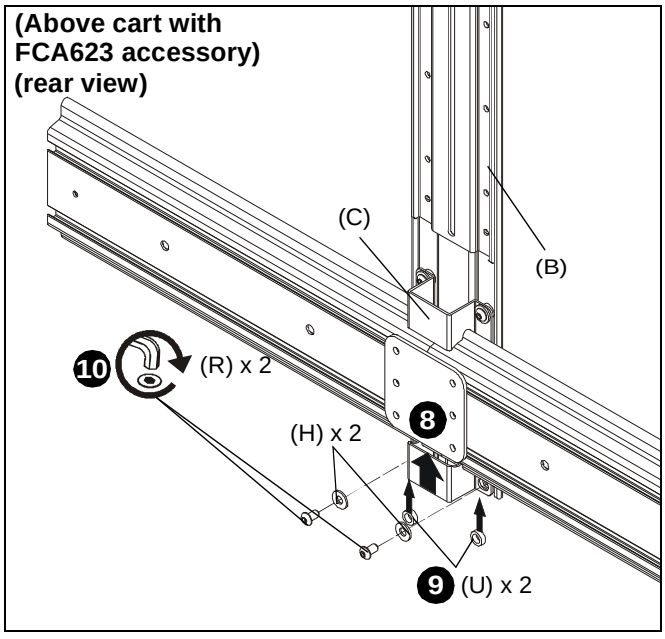



**Figure 23**

**NOTE:** Refer to Table 4 and dimension drawings on pages 3-6 to determine the extension level based on extension distance from mount center.

**Table 4: Above Cart/Ceiling**

| Extension distance from center of mount (in.) | |
|---|---|
| **18.0 - 19.4** | **Minimum** |
| **19.4 - 27.6** | **Intermediate** |
| **27.6 - 30.8** | **Maximum** |

11. (For **maximum/intermediate extension**) Use two #10-24 lock nuts (G) to secure upright bracket (A) to main bracket (B) and adapter plate (V). (See Figure 24)

**NOTE:** Maximum configuration is shown below. Several intermediate configurations are possible depending on which holes are used.

12. (For **maximum/intermediate extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 24)

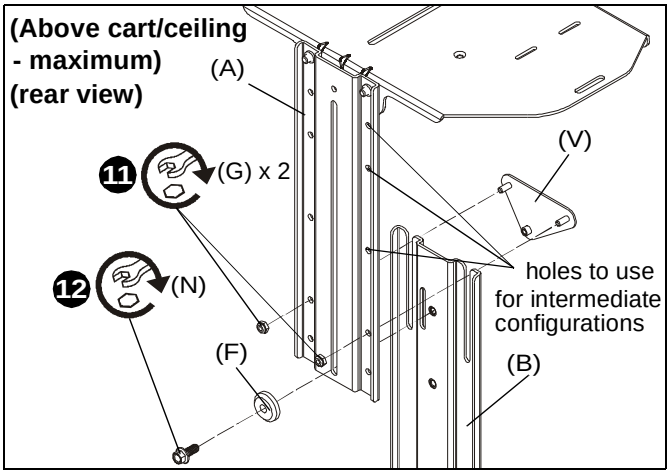



**Figure 24**

13. (For **minimum extension)** Slide upright bracket (A) behind main bracket (B). (See Figure 25)

14. (For **minimum extension)** Use 1/4-20 x 5/8" hex head flange bolt (N) and center washer (F) to secure upright bracket (A) to main bracket (B). (See Figure 25)

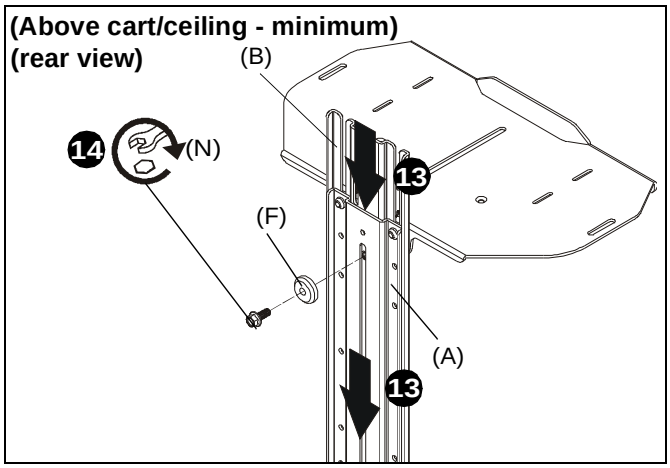



**Figure 25**

## Height Adjustment

1. Loosen hardware used to attach main bracket (B) to upright bracket (A). (See Figure 26)
2. Adjust shelf height as desired. (See Figure 26)

**NOTE:** For all above display installations, it is recommended that the shelf be positioned so that it rests on top of display to help ensure an even mount.

3. Tighten hardware used to attached main bracket (B) to upright bracket (A). (See Figure 26)

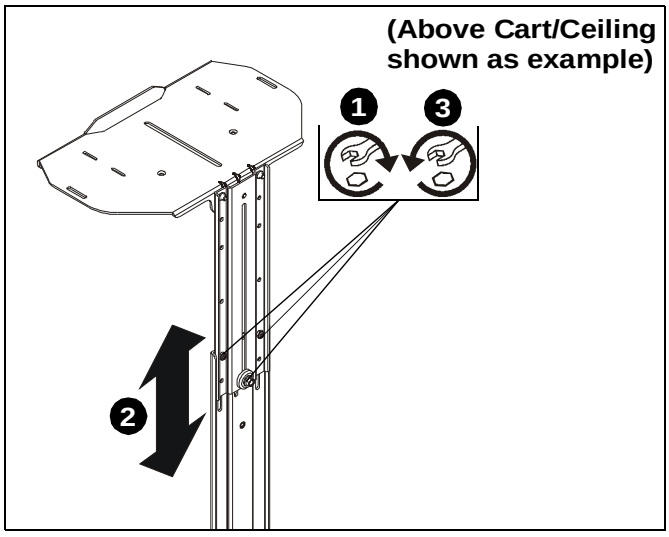



**Figure 26**

## Installing Camera (not included)

**WARNING:** Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight mounted on the FCA810/811 does not exceed 10 lbs (4.5 kg).

**WARNING:** Camera must be secured to FCA810/811 shelf using either adhesive hook and loop squares (T) or screws (Q or W)! Failure to securely mount camera to shelf may result in serious personal injury or damage to equipment!

**NOTE:** **OPTIONAL**: Slots are provided in shelf for strap (not included) to hold camera in place. (See Figure 27)

### Using Adhesive Squares

1. Use up to eight adhesive hook and loop squares (T) to secure camera to shelf. Attach adhesive squares to bottom of camera first and then attach corresponding squares to shelf when the exact mounting location has been determined.

### Using Screw(s)

**NOTE:** Screw mounting options will vary based upon camera model.

2. (Single Screw option) Install 1/4-20 x 3/8" Phillips pan machine screw (Q) through mounting slot on shelf and into hole on bottom of camera. (See Figure 27)
3. (Multiple screw option - FCA811 only) Install four #4-48 x 1/4" Phillips pan machine screws (W) through outside mounting slots and into holes on bottom of camera. (See Figure 28)
4. Route cable from camera towards back of shelf and down behind the FCA810/811. (See Figure 27) and (See Figure 28)

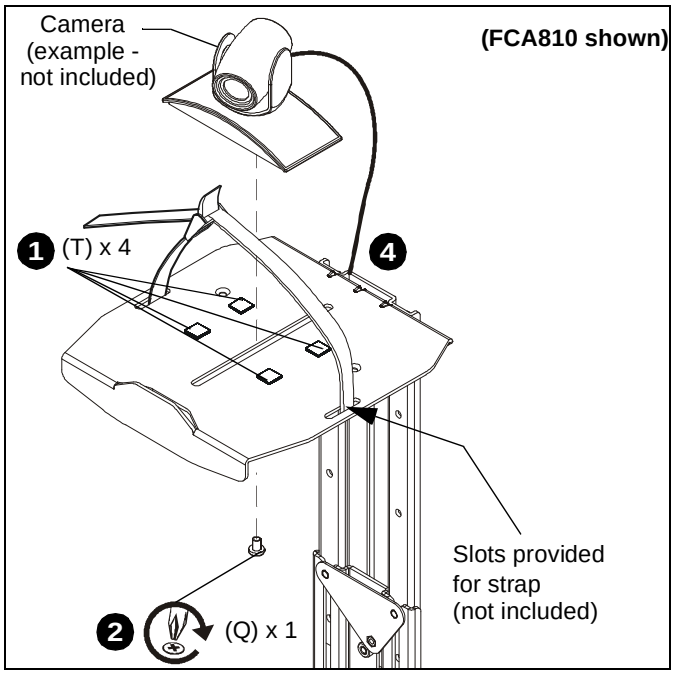



**Figure 27**

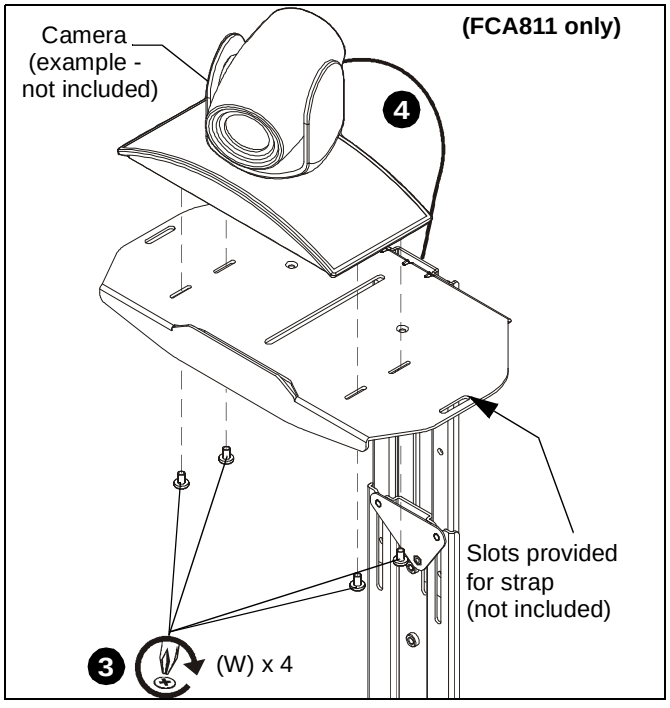



**Figure 28**

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